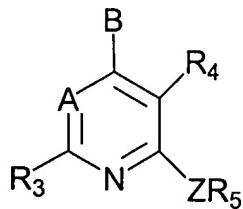


Complete listing of claims:

1-3. (Withdrawn)

4. (Currently amended) A pharmaceutical composition comprising a corticotropin releasing factor antagonist and a growth hormone secretagogue or growth hormone, wherein said corticotropin releasing factor antagonist is a compound of formula



wherein

A is CR₇ or N;

B is NR₁R₂, CR₁R₂R₁₁, C(=CR₂R₁₂)R₁, NHCHR₁R₂, OCHR₁R₂, SCHR₁R₂, CHR₂OR₁₂, CHR₂SR₁₂, C(S)R₂ or C(O)R₂;

Z is NH, O, S, N (C₁-C₂ alkyl), or CR₁₃R₁₄, wherein R₁₃ and R₁₄ are each independently hydrogen, trifluoromethyl, or C₁-C₄ alkyl, or one of R₁₃ and R₁₄ may be cyano, chloro, bromo, iodo, fluoro, hydroxy, O(C₁-C₂ alkyl), amino, NH(C₁-C₂ alkyl), or CR₁₃R₁₄ may be C=O or cyclopropyl;

R¹ is C₁-C₆ alkyl which may be substituted by one or two substituents R₈ independently selected from the group consisting of hydroxy, fluoro, chloro, bromo, iodo, C₁-C₄ alkoxy, O-CO-(C₁-C₄ alkyl), O-CO-NH(C₁-C₄ alkyl), O-CO-N(C₁-C₄ alkyl)(C₁-C₂ alkyl), NH(C₁-C₄ alkyl), N(C₁-C₂ alkyl)(C₁-C₄ alkyl), S(C₁-C₄ alkyl), N(C₁-C₄ alkyl)CO(C₁-C₄ alkyl), NHCO(C₁-C₄ alkyl), COO(C₁-C₄ alkyl), CONH(C₁-C₄ alkyl), CON(C₁-C₄ alkyl)(C₁-C₂ alkyl), S(C₁-C₄ alkyl), CN, NO₂, SO(C₁-C₄ alkyl), SO₂(C₁-C₄ alkyl), and said C₁-C₄ alkyl or C₁-C₄ alkyl may contain one double or triple bond;

R₂ is C₁-C₁₂ alkyl, aryl or (C₁-C₄ alkylene)aryl wherein said aryl is phenyl, naphthyl, thiienyl, benzothienyl, pyridyl, quinolyl, pyrazinyl, pyrimidyl, imidazolyl, furanyl, benzofuranyl, benzothiazolyl, isothiazolyl, benzisothiazolyl, benzisoxazolyl, benzimidazolyl, indolyl, or benzoxazolyl; 3- to 8-membered cycloalkyl or (C₁-C₆ alkylene)cycloalkyl, wherein said cycloalkyl may contain one or two of O, S or N-R₉ wherein R₉ is hydrogen, or C₁-C₄ alkyl,

wherein the above defined R₂ may be substituted independently by from one to three of chloro, fluoro, or C₁-C₄ alkyl, or one of bromo, iodo, C₁-C₆ alkoxy, O-CO-(C₁-C₆ alkyl), O-CO-N(C₁-C₄ alkyl)(C₁-C₂ alkyl), S(C₁-C₆ alkyl), CN, NO₂, SO(C₁-C₄ alkyl), or SO₂(C₁-C₄ alkyl), and wherein said C₁-C₁₂ alkyl or C₁-C₄ alkylene may contain one double or triple bond; or

NR₁R₂ or CR₁R₂R₁₁ may form a saturated 5- to 8-membered carbocyclic ring which may contain one or two double bonds or one or two of O or S;

R₃ is methyl, ethyl, fluoro, chloro, bromo, iodo, cyano, methoxy, OCF₃, methylthio, methylsulfonyl, CH₂OH or CH₂OCH₃;

R₄ is hydrogen, C₁-C₄ alkyl, fluoro, chloro, bromo, iodo, C₁-C₄ alkoxy, amino, nitro, NH(C₁-C₄ alkyl), N(C₁-C₄ alkyl)(C₁-C₂ alkyl), SO_n(C₁-C₄ alkyl), wherein n is O, 1 or 2, cyano, hydroxy, CO(C₁-C₄ alkyl), CHO, or COO(C₁-C₄ alkyl), wherein said C₁-C₄ alkyl may contain one or two double or triple bonds and may be substituted by one or two of hydroxy, amino, carboxy, NHCOCH₃, NH(C₁-C₂ alkyl), N(C₁-C₂ alkyl)₂, COO(C₁-C₄ alkyl), CO(C₁-C₄ alkyl), C₁-C₃ alkoxy, C₁-C₃ thioalkyl, fluoro, chloro, cyano or nitro;

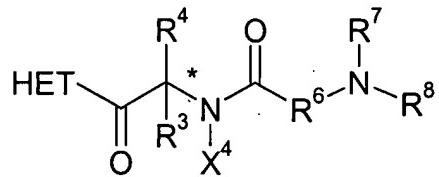
R₅ is phenyl, naphthyl, thienyl, benzothienyl, pyridyl, quinolyl, pyrazinyl, pyrimidyl, furanyl, benzofuranyl, benzothiazolyl, or indolyl, wherein each one of the above groups R₅ is substituted independently by from one to three of fluoro, chloro, C₁-C₆ alkyl, or C₁-C₆ alkoxy, or one of hydroxy, iodo, bromo, formyl, cyano, nitro, trifluoromethyl, amino, NH(C₁-C₄ alkyl), N(C₁-C₆)(C₁-C₂ alkyl), COOH, COO(C₁-C₄ alkyl), CO(C₁-C₄ alkyl), SO₂NH(C₁-C₄ alkyl), SO₂N(C₁-C₄ alkyl)(C₁-C₂ alkyl), SO₂NH₂, NHSO₂(C₁-C₄ alkyl), S(C₁-C₆ alkyl), or SO₂(C₁-C₆ alkyl), wherein said C₁-C₄ alkyl and C₁-C₆ alkyl may be substituted by one or two of fluoro, hydroxy, amino, methylamino, dimethylamino or acetyl;

R₇ is hydrogen, C₁-C₄ alkyl, fluoro, chloro, bromo, iodo, cyano, hydroxy, O(C₁-C₄ alkyl), C(O)(C₁-C₄ alkyl), or C(O)O(C₁-C₄ alkyl), wherein the C₁-C₄ alkyl groups may be substituted with one hydroxy, chloro or bromo, or one to three fluoro;

R¹¹ is hydrogen, hydroxy, fluoro, or methoxy;

R¹² is hydrogen or C₁-C₄ alkyl; and

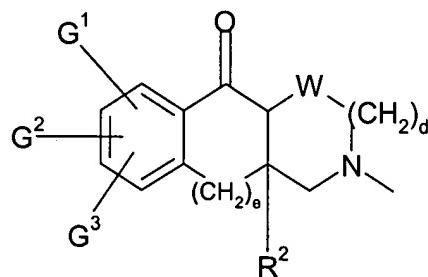
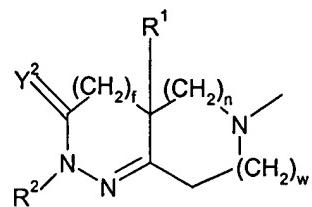
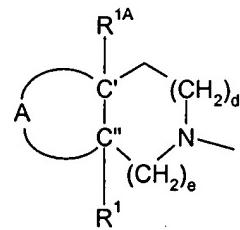
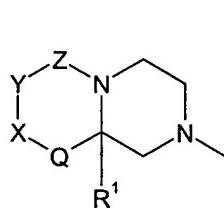
wherein said growth hormone secretagogue is a compound of formula IV:



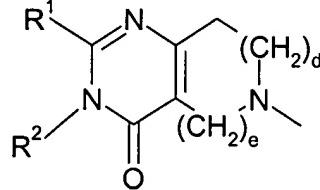
IV

or a stereoisomeric mixture thereof, a diastereomerically enriched, diastereomerically pure, enantiomerically enriched, or enantiomerically pure isomer thereof, or a prodrug of such compound, mixture, or isomer thereof, or a pharmaceutically acceptable salt of the compound, mixture, isomer, or prodrug, wherein in formula IV:

HET is a heterocyclic moiety selected from the group consisting of



and



d is 0, 1, or 2;

e is 1 or 2;

f is 0 or 1;

n and w are 0, 1, or 2, provided that n and w cannot both be 0 at the same time;

Y² is oxygen or sulfur;

A is a divalent radical, wherein the left hand side of the radical as shown below is connected to C" and the right hand side of the radical as shown below is connected C', selected from the group consisting of -NR²-CO-NR²-, -NR²-SO₂-NR²-, -O-CO-NR²-, -NR²-CO₂-, -CO-NR²-CO-, -CO-NR²C(R⁹R¹⁰O)-, -C(R⁹R¹⁰)-NR²-CO-, -C(R⁹R¹⁰)-C(R⁹R¹⁰)-C(R⁹R¹⁰)-, -SO₂-C(R⁹R¹⁰)-C(R⁹R¹⁰)-C(R⁹R¹⁰)-O-CO-, -C(R⁹R¹⁰)-O-C(R⁹R¹⁰)-, -NR²-CO-C(R⁹R¹⁰)-, -O-CO-C(R⁹R¹⁰)-, -C(R⁹R¹⁰)-CO-NR²-, -CO-NR²-CO-, -C(R⁹R¹⁰)-CO₂-, -CO-NR²-C(R⁹R¹⁰)-C(R⁹R¹⁰)-CO₂-C(R⁹R¹⁰)-, -C(R⁹R¹⁰)-C(R⁹R¹⁰)-C(R⁹R¹⁰)-, -SO₂-NR²-C(R⁹R¹⁰)-C(R⁹R¹⁰)-, -C(R⁹R¹⁰)-C(R⁹R¹⁰)-NR²-CO-, -C(R⁹R¹⁰)-C(R⁹R¹⁰)-O-CO-, -NR²-CO-C(R⁹R¹⁰)-C(R⁹R¹⁰)-, -NR²-SO₂-C(R⁹R¹⁰)-C(R⁹R¹⁰)-, -O-CO-C(R⁹R¹⁰)-C(R⁹R¹⁰)-C(R⁹R¹⁰)-CO-NR²-, -C(R⁹R¹⁰)-NR²-CO-NR²-, -NR²-CO₂-C(R⁹R¹⁰)-, -NR²-CO-NR²-C(R⁹R¹⁰)-, -NR²-SO₂-NR²-C(R⁹R¹⁰)-, -O-CO-NR²-C(R⁹R¹⁰)-, -CO-N=C(R¹¹)-NR²-, -CO-NR²-C(R¹¹)=N-, -C(R⁹R¹⁰)-NR¹²-C(R⁹R¹⁰)-, -NR¹²-C(R⁹R¹⁰)-, -NR¹²-C(R⁹R¹⁰)-C(R⁹R¹⁰)-, -CO₂-C(R⁹R¹⁰)-C(R¹R¹⁰)-, -NR²-C(R¹¹)=N-CO-, -C(R⁹R¹⁰)-C(R⁹R¹⁰)-N(R¹²)-, -C(R⁹R¹⁰)-NR¹²-, -N=C(R¹¹)-NR²-CO-, -C(R⁹R¹⁰)-C(R⁹R¹⁰)-NR²-SO₂-, -C(R⁹R¹⁰)-C(R⁹R¹⁰)-SO₂-NR²-, -C(R⁹R¹⁰)-C(R⁹R¹⁰)-CO₂-C(R⁹R¹⁰)-SO₂-O-C(R⁹R¹⁰)-, -C(R⁹R¹⁰)-C(R⁹R¹⁰)-O-, -C(R⁹R¹⁰)-CO-C(R⁹R¹⁰)-, -CO-C(R⁹R¹⁰)-C(R⁹R¹⁰)-, and -C(R⁹R¹⁰)-NR²-SO₂-NR²-;

Q is a covalent bond or CH₂;

W is CH or N;

X is CR⁹R¹⁰, C=CH₂, or C=O;

Y is CR⁹R¹⁰, O, or NR²;

Z is C=O, C=S, or SO₂;

G¹ is hydrogen, halo, hydroxy, nitro, amino, cyano, phenyl, carboxyl, -CONH₂, -C₁-C₄ alkyl optionally independently substituted with one or more phenyl, one or more halogen, or one or more hydroxy groups, -C₁-C₄ alkoxy optionally independently substituted with one or more phenyl, one or more halogen, or one or more hydroxy groups, -C₁-C₄ alkylthio, phenoxy, -CO₂-(C₁-C₄ alkyl), N,N-di-(C₁-C₄ alkylamino), -C₂-C₆ alkenyl optionally independently substituted with one or more phenyl, one or more halogen, or one or more hydroxy groups, -C₂-C₆ alkynyl optionally independently substituted with one or more phenyl, one or more halogen, or one or

more hydroxy groups, -C₃-C₆ cycloalkyl optionally independently substituted with one or more C₁-C₄ alkyl groups, one or more halogen, or one or more hydroxy groups, -C₁-C₄ alkylamino carbonyl, or di-C₁-C₄ alkylamino) carbonyl;

G² and G³ are each independently selected from the group consisting of hydrogen, halo, hydroxy, -C₁-C₄ alkyl optionally independently substituted with one to three halo groups, and -C₁-C₄ alkoxy optionally independently substituted with one to three halo groups;

R¹ is hydrogen, -CN, -(CH₂)_qNX⁶COX⁶, -(CH₂)_qNX⁶CO(CH₂)-A¹, -(CH₂)_qNX⁶SO₂(CH₂)-A¹, -(CH₂)_qNX⁶SO₂X⁶, -(CH₂)_qNX⁶CONX⁶(CH₂)_t-A¹, -(CH₂)_qNX⁶CONX⁶X⁶, -(CH₂)_qCONX⁶X⁶, -(CH₂)_qCONX⁶(CH₂)_t-A¹, -(CH₂)_qCO₂X⁶, -(CH₂)_qCO₂(CH₂)_t-A¹, -(CH₂)_qOX⁶, -(CH₂)_qOOOX⁶, -(CH₂)_qOCO(CH₂)_t-A¹, -(CH₂)_qOCONX⁶(CH₂)_t-A¹, -(CH₂)_qOCONX⁶X⁶, -(CH₂)_qCOX⁶, -(CH₂)_qCO(CH₂)_t-A¹, -(CH₂)_qNX⁶CO₂X⁶, -(CH₂)_qNX⁶SO₂NX⁶X⁶, -(CH₂)_qSO_mX⁶, -(CH₂)_qSO_m(CH₂)_t-A¹, -C₁-C₁₀ alkyl, -(CH₂)_t-A¹, -(CH₂)_q-(C₃-C₁ cycloalkyl), -(CH₂)_q-Y¹-(C₁-C₆ alkyl), -(CH₂)_q-Y¹-(CH₂)_t-A¹, or -(CH₂)_q-Y¹-(CH₂)_t-(C₃-C₁ cycloalkyl);

wherein the alkyl and cycloalkyl groups in the definition of R¹ are optionally substituted with C₁-C₄ alkyl, hydroxy, C₁-C₄ alkoxy, carboxyl, -CONH₂, -SO_m-(C₁-C₆ alkyl), -CO₂-(C₁-C₄ alkyl) ester, 1H-tetrazol-5-yl, or 1, 2, or 3 fluoro groups;

Y¹ is O, SO_m, -CONX⁶-, -CH=CH-, -C=C-, -NX⁶CO-, -CONX⁶-, -CO₂-, -OCONX⁶- or -OCO-;

q is Θ 0, 1, 2, 3, or 4;

t is Θ 0, 1, 2, or 3;

said (CH₂)_q group and (CHA group in the definition of R¹ are optionally independently substituted with hydroxy, C₁-C₄ alkoxy, carboxyl, -CONH₂, -SO_m-(C₁-C₆ alkyl), -CO₂-(C₁-C₄ alkyl) ester, 1 H-tetrazol-5-yl, 1, 2, or 3 fluoro groups, or 1 or 2 C₁-C₄ alkyl groups;

R^{1A} is selected from the group consisting of hydrogen, F, Cl, Br, I, C₁-C₆ alkyl, phenyl-(C₁-C₃ alkyl), pyridyl-(C₁-C₃ alkyl), thiazolyl-(C₁-C₃ alkyl), and thieryl-(C₁-C₃ alkyl), provided that R^{1A} is not F, Cl, Br, or I when a heteroatom is vicinal to C";

R² is hydrogen, C₁-C₈ alkyl, -(C₀-C₃ alkyl)-(C₃-C₈ cycloalkyl), -(C₁-C₄ alkyl)-A', or A', wherein the alkyl groups and the cycloalkyl groups in the definition of R² are optionally substituted with hydroxy, -CO₂X⁶, -CONX⁶X⁶, -NX⁶X⁶, -SO_m(C₁-C₆ alkyl), -COA', -COX⁶, CF₃, CN, or 1, 2, or 3 independently selected halo groups;

R³ is selected from the group consisting of A', C₁-C₁₀ alkyl, -(C₁-C₆ alkyl)-A', - (C₁-C₆ alkyl)-(C₃-C₁ cycloalkyl), -(C₁-C₅ alkyl)-X'-(C₁-C₅ alkyl), -(C₁-C₅ alkyl)-X'-(C₀-C₅ alkyl)-A', and - (C₁-C₅ alkyl)-X'-(C₁-C₅ alkyl)-(C₃-C₁ cycloalkyl);

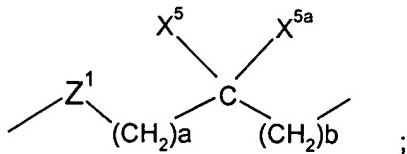
wherein the alkyl groups in the definition of R³ are optionally substituted with -SO_m(C₁-C₆ alkyl), -CO₂X³, 1, 2, 3, 4, or 5 independently selected halo groups, or 1, 2, or 3 independently selected -OX³ groups;

X' is O, SO_m, -NX²CO-, -CONX²-, -OCO-, -CO₂-, -CX²=CX²-, -NX²CO₂-, -OCONX²-, or -C'C-;

R⁴ is hydrogen, C₁-C₆ alkyl, or C₃-C₇ cycloalkyl, or R⁴ taken together with R³ and the carbon atom to which they are attached form C₅-C₁ cycloalkyl, C₅-C₁ cycloalkenyl, a partially saturated or fully saturated 4- to 8-membered ring having 1 to 4 heteroatoms independently selected from the group consisting of oxygen, sulfur, and nitrogen, or a bicyclic ring system consisting of a partially saturated or fully saturated 5- or 6-membered ring, fused to a partially saturated, fully unsaturated, or fully saturated 5- or 6-membered ring, optionally having 1 to 4 heteroatoms independently selected from the group consisting of nitrogen, sulfur, and oxygen;

X⁴ is hydrogen or C₁-C₆ alkyl, or X⁴ is taken together with R⁴ and the nitrogen atom to which X⁴ is attached and the carbon atom to which R⁴ is attached and form a five to seven membered ring;

R⁶ is a bond or is



wherein a and b are each independently O, 1, 2, or 3;

X⁵ and X^{5a} are each independently selected from the group consisting of hydrogen, CF₃, A', and C₁-C₆ alkyl optionally substituted with A', OX², -SO₂-(C₁-C₆ alkyl), -CO₂X², C₃-C₇ cycloalkyl, -NX²X², or -CONX²X²;

or the carbon bearing X⁵ or X^{5a} forms one or two alkylene bridges with the nitrogen atom bearing R⁷ and R⁸ wherein each alkylene bridge contains 1 to 5 carbon atoms, provided that when one alkylene bridge is formed then only one of X⁵ or X^{5a} is on the carbon atom and only one of R⁷ or R⁸ is on the nitrogen atom, and further provided that when two alkylene bridges are formed then X⁵ and X^{5a} cannot be on the carbon atom and R⁷ and R⁸ cannot be on

the nitrogen atom;

or X^5 taken together with X^{5a} and the carbon atom to which they are attached form a partially saturated or fully saturated 3- to 7-membered ring, or a partially saturated or fully saturated 4- to 8-membered ring having 1 to 4 heteroatoms independently selected from the group consisting of oxygen, sulfur, and nitrogen;

or X^5 taken together with X^{5a} and the carbon atom to which they are attached form a bicyclic ring system consisting of a partially saturated or fully saturated 5- or 6-membered ring, optionally having 1 or 2 heteroatoms independently selected from the group consisting of nitrogen, sulfur, and 3O oxygen, fused to a partially saturated, fully saturated, or fully unsaturated 5- or 6-membered ring, optionally having 1 to 4 heteroatoms independently selected from the group consisting of nitrogen, sulfur, and oxygen;

Z^1 is a bond, O, or N-X², provided that when a and b are both O then Z' is not N-X² or O;

R^7 and R^8 are each independently hydrogen or C₁-C₆ alkyl optionally independently substituted with A', -CO₂(C₁-C₆ alkyl), -SO_m(C₁-C₆ alkyl), 1 to 5 halo groups, 1 to 3 hydroxy groups, 1 to 3 -O-CO(C₁-C₁₀ alkyl) groups, or 1 to 3 C₁-C₆ alkoxy groups; or R^7 and R^8 can be taken together to form -(CH₂)_r, L-(CH₂)_r, wherein L is CX²X², SO₂, or NX²; R^9 and R^{10} are each independently selected from the group consisting of hydrogen, fluoro, hydroxy, and C₁-C₅ alkyl optionally independently substituted with 1-5 halo groups;

R^{11} is selected from the group consisting of C₁-C₅ alkyl and phenyl optionally substituted with 1-3 substituents each independently selected from the group consisting of C₁-C₅ alkyl, halo, and C₁-C₅ alkoxy;

R^{12} is selected from the group consisting of C₁-C₅ alkylsulfonyl, C₁-C₅ alkanoyl, and C₁-C₅ alkyl wherein the alkyl portion is optionally independently substituted by 1-5 halo groups;

A¹ for each occurrence is independently selected from the group consisting of C₅-C₇ cycloalkenyl, phenyl, a partially saturated, fully saturated, or fully unsaturated 4 to 8-membered ring optionally having 1 to 4 heteroatoms independently selected from the group consisting of oxygen, sulfur, and nitrogen, and a bicyclic ring system consisting of a partially saturated, fully unsaturated, or fully saturated 5- or 6 membered ring, optionally having 1 to 4 heteroatoms independently selected from the group consisting of nitrogen, sulfur, and oxygen, fused to a partially saturated, fully saturated, or fully unsaturated 5- or 6-membered ring, optionally having 1 to 4 heteroatoms independently selected from the group consisting of nitrogen, sulfur, and oxygen;

A^1 for each occurrence is independently optionally substituted, on one or optionally both rings if A' is a bicyclic ring system, with up to three substituents, each substituent independently selected from the group consisting of F, Cl, Br, I, OCF₃, OCF₂H, CF₃, CH₃, OCH₃, -OX⁶, -CONX⁶X⁶, -CO₂X⁶, oxo, C₁-C₆ alkyl, nitro, cyano, benzyl, -SO_m(C₁-C₆ alkyl), 1 H-tetrazol-5-yl, phenyl, phenoxy, phenylalkyloxy, halophenyl, methylenedioxy, -NX⁶X⁶, -NX⁶COX⁶, -SO₂NX⁶X¹, -NX⁶SO₂-phenyl, NX⁶SO₂X⁶, -CONX¹¹X¹², -SO₂NX¹¹X¹², -NX⁶SO₂X¹², -NX⁶CONX¹¹X¹², -NX⁶SO₂NX¹¹X¹², -NX⁶COX¹², imidazolyl, thiazolyl, and tetrazolyl, provided that if A^1 is optionally substituted with methylenedioxy then it can only be substituted with one methylenedioxy;

wherein X¹¹ is hydrogen or C₁-C₆ alkyl optionally independently substituted with phenyl, phenoxy, C₁-C₆ alkoxy carbonyl, -SO_M(C₁-C₆ alkyl), 1 to 5 halo groups, 1 to 3 hydroxy groups, 1 to 3 C₁-C₁₀ alkanoyloxy groups, or 1 to 3 C₁-C₆ alkoxy groups;

X¹² is hydrogen, C₁-C₆ alkyl, phenyl, thiazolyl, imidazolyl, furyl, or thienyl, provided that when X² is not hydrogen, the X² group is optionally substituted with one to three substituents independently selected from the group consisting of Cl, F, CH₃, OCH₃, OCF₃, and C F₃;

or X["] and X² are taken together to form -(CH₂)_r-L¹-(CH₂)_r, wherein L¹ is CX²X², O, SO_m or NX²;

r for each occurrence is independently 1, 2, or 3;

X² for each occurrence is independently hydrogen, optionally substituted C₁-C₆ alkyl, or optionally substituted C₃-C₇ cycloalkyl, wherein the optionally substituted C₁-C₆ alkyl and optionally substituted C₃-C₁ cycloalkyl in the definition of X² are optionally independently substituted with -SO_m(C₁-C₆ alkyl), -CO₂X³, 1 to 5 halo groups, or 1-3 OX³ groups;

X³ for each occurrence is independently hydrogen or C₁-C₆ alkyl;

X⁶ for each occurrence is independently hydrogen, optionally substituted C₁-C₆ alkyl, halogenated C₂-C₆ alkyl, optionally substituted C₃-C₇ cycloalkyl, halogenated C₃-C₇ cycloalkyl, wherein the optionally substituted C₁-C₆ alkyl and optionally substituted C₃-C₇ cycloalkyl in the definition of X⁶ are optionally independently mono- or di-substituted with C₁-C₄ alkyl, hydroxy, C₁-C₄ alkoxy, carboxyl, CONH₂, -SO_m(C₁C₆ alkyl), carboxylate (C₁-C₄ alkyl) ester, or 1 H-tetrazol-5-yl; or

when there are two X⁶ groups on one atom and both X⁶ are independently C₁C₆ alkyl, the two C₁-C₆ alkyl groups may be optionally joined, and together with the atom to which the two X⁶

groups are attached, form a 4- to 9- membered ring optionally having oxygen, sulfur, or NX⁷ as a ring member, wherein X⁷ is hydrogen or C₁-C₆ alkyl optionally substituted with hydroxy;

m for each occurrence is independently O, 1, or 2; with the provisos that:

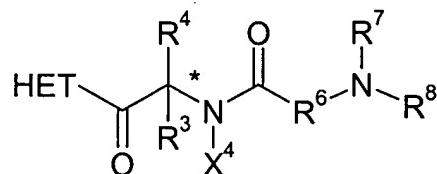
X⁶ and X'2 cannot be hydrogen when attached to CO or SO₂ in the form COX⁶, COX'², SO₂X⁶ or SO₂X'²; and

when R⁶ is a bond then L is NX² and each r in the definition -(CH₂)_rL-(CH₂)_r is independently 2 or 3..

5-12. (Withdrawn)

13. (Currently amended) A pharmaceutical composition according to claim 4 wherein said corticotropin releasing factor antagonist is a compound selected from the group consisting of:

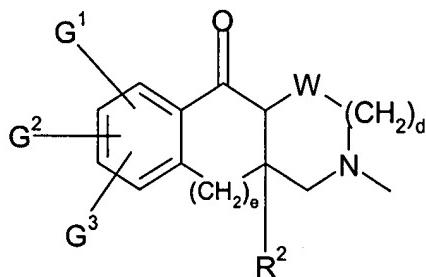
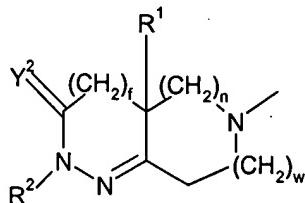
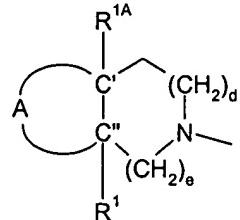
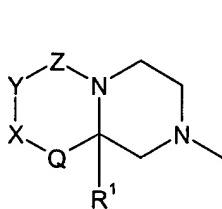
4-(1-ethyl-propoxy)-3,6-dimethyl-2-(2,4,6-trimethylphenoxy)-pyridine;
4-(1-ethylpropoxy)-2,5-dimethyl-6-(2,4,6-trimethylphenoxy)-pyrimidine;
N-butyl-N-ethyl-2,5-dimethyl-NN-(2,4,6-trimethylphenyl)-pyrimidine-4,6diamine;
[4-(1-ethyl-propoxy)-3,6-dimethyl-pyridin-2-yl]-[2,4,6-trimethylphenyl]-amine;
[3,6-dimethyl-2-(2,4,6-trimethyl-phenoxy)-pyridin-4-yl]-[1-ethyl-propyl]-amine;
[2-(4-chloro-2,6-dimethyl-phenoxy)-3,6-dimethyl-pyridin-4-yl]-[1-ethyl-propyl]-amine;
4-(1-ethyl-propylamino)-6-methyl-2-(2,4,6-trimethyl-phenoxy)-nicotinic acid methyl ester;
wherein said growth hormone secretagogue is a compound of formula IV:



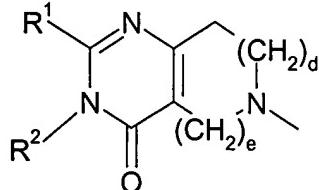
IV

or a stereoisomeric mixture thereof, a diastereomerically enriched, diastereomerically pure, enantiomerically enriched, or enantiomerically pure isomer thereof, or a prodrug of such compound, mixture, or isomer thereof, or a pharmaceutically acceptable salt of the compound, mixture, isomer, or prodrug, wherein:

HET is a heterocyclic moiety selected from the group consisting of



and



d is Θ 0, 1, or 2;

e is 1 or 2;

f is Θ 0 or 1;

n and w are Θ 0, 1, or 2, provided that n and w cannot both be Θ 0 at the same time;

Y^2 is oxygen or sulfur;

A is a divalent radical, wherein the left hand side of the radical as shown below is connected to C'' and the right hand side of the radical as shown below is connected to C', selected from the group consisting of $-\text{NR}^2-\text{CO}-\text{NR}^2-$, $-\text{NR}^2-\text{SO}_2-\text{NR}^2-$, $-\text{O}-\text{CO}-\text{NR}^2-$, $-\text{NR}^2-\text{CO}_2-$, $-\text{CO}-\text{NR}^2-\text{CO}-$, $-\text{CO}-\text{NR}^2-\text{C}(\text{R}^9\text{R}^{10})-$, $-\text{C}(\text{R}^9\text{R}^{10})-\text{NR}^2-\text{CO}-$, $-\text{C}(\text{R}^9\text{R}^{10})-\text{C}(\text{R}^9\text{R}^{10})-\text{C}(\text{R}^9\text{R}^{10})-$, $-\text{SO}_2-\text{C}(\text{R}^9\text{R}^{10})-\text{C}(\text{R}^9\text{R}^{10})-$, $-\text{C}(\text{R}^9\text{R}^{10})-\text{O}-\text{CO}-$, $-\text{C}(\text{R}^9\text{R}^{10})-\text{O}-\text{C}(\text{R}^9\text{R}^{10})-$, $-\text{NR}^2-\text{CO}-\text{C}(\text{R}^9\text{R}^{10})-$, $-\text{O}-\text{CO}-\text{C}(\text{R}^9\text{R}^{10})-$, $-\text{C}(\text{R}^9\text{R}^{10})-\text{CO}-\text{NR}^2-$, $-\text{CO}-\text{NR}^2-\text{CO}-$, $-\text{C}(\text{R}^9\text{R}^{10})-\text{CO}_2-$, $-\text{CO}-\text{NR}^2-\text{C}(\text{R}^9\text{R}^{10})-\text{C}(\text{R}^9\text{R}^{10})-\text{I}-\text{CO}_2-\text{C}(\text{R}^9\text{R}^{10})-$, $-\text{C}(\text{R}^9\text{R}^{10})-\text{C}(\text{R}^9\text{R}^{10})-\text{C}(\text{R}^9\text{R}^{10})-\text{C}(\text{R}^9\text{R}^{10})-$, $-\text{SO}_2-\text{NR}^2-\text{C}(\text{R}^9\text{R}^{10})-\text{C}(\text{R}^9\text{R}^{10})-$, $-\text{C}(\text{R}^9\text{R}^{10})-\text{C}(\text{R}^9\text{R}^{10})-\text{NR}^2-\text{CO}-$, $-\text{C}(\text{R}^9\text{R}^{10})-\text{C}(\text{R}^9\text{R}^{10})-\text{O}-\text{CO}-$, $-\text{NR}^2-\text{CO}-\text{C}(\text{R}^9\text{R}^{10})-$

C(R¹R¹⁰)- -NR²-SO₂-C(R⁹R¹⁰)-C(R¹R¹⁰)- -O-CO-C(R⁹R¹⁰)-C(R⁹R¹⁰)-C(R⁹R¹⁰)- CO-NR²-, -C(R⁹R¹⁰)-C(R⁹R¹⁰)-CO-, -C(R⁹R¹⁰)-NR²-CO₂-, -C(R⁹R¹⁰)-O-CO-NR², -C(R⁹R¹⁰)- NR²-CO-NR²-, -NR²-CO₂-C(R⁹R¹⁰)-, -NR²-CO-NR²-C(R⁹R¹⁰)- -NR²-SO₂-NR²-C(R⁹R¹⁰)- O-CO-NR²-C(R⁹R¹⁰)-, -CO-N =C(R¹¹)-NR²-, -CO-NR²-CR¹¹ =N-, CR⁹R¹⁰ -NR¹²CR⁹R¹⁰- C(R⁹R¹⁰)- -CO₂-C(R⁹R¹⁰)-C(R⁹R¹⁰)-, -NR²-C(R¹¹)=N-CO- -C(R⁹R¹⁰)-C(R⁹R¹⁰)-N(R¹²)- C(R⁹R¹⁰)-NR¹²-, -N=C(R¹)-NR²-CO-, -C(R⁹R¹⁰)-C(R⁹R¹⁰)-NR²-SO₂-, -C(R⁹R¹⁰)-C(R⁹R¹⁰)- SO₂-NR²-, -C(R⁹R¹⁰)-C(R⁹R¹⁰)-CO₂-, -C(R⁹R¹⁰)-SO₂-C(R⁹R¹⁰)-, -C(R⁹R¹⁰)-C(R⁹R¹⁰)-SO₂- O-C(R⁹R¹⁰)-C(R⁹R¹⁰)- -C(R⁹R¹⁰)-C(R⁹R¹⁰)-O- -C(R⁹R¹⁰)-CO-C(R⁹R¹⁰)-, -CO-C(R⁹R¹⁰)- C(R⁹R¹⁰)-, and -C(R⁹R¹⁰)-NR²-SO₂-NR²;

Q is a covalent bond or CH₂; W is CH or N;

X is CR⁹R¹⁰, C=CH₂, or C=O; Y is CR⁹R¹⁰, O, or NR²;

Z is C=O, C=S, or SO₂;

G¹ is hydrogen, halo, hydroxy, nitro, amino, cyano, phenyl, carboxyl, -CONH₂, -C₁-C₄ alkyl optionally independently substituted with one or more phenyl, one or more halogen, or one or more hydroxy groups, -C₁-C₄ alkoxy optionally independently substituted with one or more phenyl, one or more halogen, or one or more hydroxy groups, -C₁-C₄ alkylthio, phenoxy, -CO₂-(C₁-C₄ alkyl), N,N-di-(C₁-C₄ alkylamino), -C₂-C₆ alkenyl optionally independently substituted with one or more phenyl, one or more halogen, or one or more hydroxy groups, -C₂-C₆ alkynyl optionally independently substituted with one or more phenyl, one or more halogen, or one or more hydroxy groups, -C₃-C₆ cycloalkyl optionally independently substituted with one or more C₁-C₄ alkyl groups, one or more halogen, or one or more hydroxy groups, -C₁-C₄ alkylamino carbonyl, or di-C₁-C₄ alkylamino) carbonyl;

G² and G³ are each independently selected from the group consisting of hydrogen, halo, hydroxy, -C₁-C₄ alkyl optionally independently substituted with one to three halo groups, and -C₁-C₄ alkoxy optionally independently substituted with one to three halo groups;

R¹ is hydrogen, -CN, -(CH₂)_qNX⁶COX⁶, -(CH₂)_qNX⁶CO(CH₂)_t-A¹ -(CH₂)_qNX⁶SO₂(CH₂)_t- A¹, -(CH₂)_qNX⁶SO₂X⁶, -(CH₂)_qNX⁶CONX⁶(CH₂)_tA¹, -(CH₂)_qNX⁶CONX⁶X⁶, -(CH₂)_qCONX¹X⁶, -(CH₂)_gCONX⁶(CH₂)_t-A¹, -(CH₂)_qCO₂X⁶, -(CH₂)_gCO₂(CH₂)_t-A¹, -(CH₂)_qOX⁶, -(CH₂)_gOCOX⁶, -(CH₂)_gOOO(CH₂)_t-A¹, -(CH₂)_qOOONX^s(CHA-A¹, -(CH₂)_qOOONX⁶X⁶, -(CH₂)_qCOX⁶, -(CH₂)_gCO(CH₂)_t-A¹, -(CH₂)_qNX⁶CO₂X⁶, -(CH₂)_qNX⁶SO₂NX⁶X⁶, -(CH₂)_gSO_mX⁶-(CH₂)_gSO_m(CH₂)_t-A¹, -C₁-C₁₀ alkyl, -(CH₂)_t-A¹, -(CH₂)_q-(C₃-C₁ cycloalkyl), -(CH₂)_q-Y¹-(C₁-C₆ alkyl), -(CH₂)_qY¹-(CH₂)_t-A¹, or -(CH₂)_q-Y¹-

(CH₂)_t-(C₃-C₁ cycloalkyl);

wherein the alkyl and cycloalkyl groups in the definition of R' are optionally substituted with C₁-C₄ alkyl, hydroxy, C₁-C₄ alkoxy, carboxyl, -CONH₂, -SO_m (C₁-C₆ alkyl), -CO₂-(C₁-C₄ alkyl) ester, 1 H-tetrazol-5-yl, or 1, 2, or 3 fluoro groups;

Y' is O, SO_m, -CONX⁶-, -CH=CH-, -C=C-, -NX⁶CO-, -CONX⁶-, -CO₂-, -OCONX⁶- or -OCO-;

q is Θ 0, 1, 2, 3, or 4; t is Θ 0, 1, 2, or 3;

said (CH₂)_g group and (CHA group in the definition of R' are optionally independently substituted with hydroxy, C₁-C₄ alkoxy, carboxyl, -CONH₂, -SO_m (C₁-C₆ alkyl), -CO₂-(C₁-C₄ alkyl) ester, 1 H-tetrazol-5-yl, 1, 2, or 3 fluoro groups, or 1 or 2 C₁-C₄ alkyl groups;

R^{1A} is selected from the group consisting of hydrogen, F, Cl, Br, I, C₁-C₆ alkyl, phenyl-(C₁-C₃ alkyl), pyridyl-(C₁-C₃ alkyl), thiazolyl-(C₁-C₃ alkyl), and thienyl-(C₁-C₃ alkyl), provided that R^{1A} is not F, Cl, Br, or I when a heteroatom is vicinal to C";

R² is hydrogen, C₁-C₈ alkyl, -(C₀-C₃ alkyl)-(C₃-C₈ cycloalkyl), -(C₁-C₄ alkyl)-A', or A', wherein the alkyl groups and the cycloalkyl groups in the definition of R² are optionally substituted with hydroxy, -CO₂X⁶, -CONX⁶X⁶, -NX⁶X⁶, -SO_m(C₁-C₆ alkyl), -COA', -COX⁶, CF₃, CN, or 1, 2, or 3 independently selected halo groups;

R³ is selected from the group consisting of A', C₁-C₁₀ alkyl, -(C₁-C₆ alkyl)-A', -(C₁-C₆ alkyl)-(C₃-C₇ cycloalkyl), -(C₁-C₅ alkyl)-X'-(C₁-C₅ alkyl), -(C₁-C₅ alkyl)-X'-(C₀-C₅ alkyl)-A', and -(C₁-C₅ alkyl)-X'-(C₁-C₅ alkyl)-(C₃-C₁ cycloalkyl);

wherein the alkyl groups in the definition of R³ are optionally substituted with -SO_m(C₁-C₆ alkyl), -CO₂X₃, 1, 2, 3, 4, or 5 independently selected halo groups, or 1, 2, or 3 independently selected -OX³ groups;

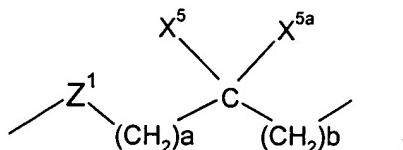
X' is O, SO, -NX²CO-, -CONX²-, -OCO-, -CO₂-, -CX²=CX²-, -NX²CO₂-, -OCONX²-, or -C-;

R⁴ is hydrogen, C₁-C₆ alkyl, or C₃-C₇ cycloalkyl, or R⁴ taken together with R³ and the carbon atom to which they are attached form C₅-C₁ cycloalkyl, C₅-C₁ cycloalkenyl, a partially saturated or fully saturated 4- to 8-membered ring having 1 to 4 heteroatoms independently selected from the group consisting of oxygen, sulfur, and nitrogen, or a bicyclic ring system consisting of a partially saturated or fully saturated 5- or 6-membered ring, fused to a partially saturated, fully unsaturated, or fully saturated 5- or 6-membered ring, optionally having 1 to 4 heteroatoms independently selected from the group consisting of nitrogen,

sulfur, and oxygen;

X⁴ is hydrogen or C₁-C₆ alkyl, or X⁴ is taken together with R⁴ and the nitrogen atom to which X⁴ is attached and the carbon atom to which R⁴ is attached and form a five to seven membered ring;

R⁶ is a bond or is



wherein a and b are each independently 0, 1, 2, or 3;

X⁵ and X^{5a} are each independently selected from the group consisting of hydrogen, CF₃, A¹, and C₁-C₆ alkyl optionally substituted with A', OX², -SO_m(C₁-C₆ alkyl), -CO₂X², C₃-C₁ cycloalkyl, -NX²X², or -CONX²X²;

or the carbon bearing X⁵ or X^{5a} forms one or two alkylene bridges with the nitrogen atom bearing R⁷ and R⁸ wherein each alkylene bridge contains 1 to 5 carbon atoms, provided that when one alkylene bridge is formed then only one of X⁵ or X^{5a} is on the carbon atom and only one of R⁷ or R⁸ is on the nitrogen atom, and further provided that when two alkylene bridges are formed then X⁵ and X^{5a} cannot be on the carbon atom and R⁷ and R⁸ cannot be on the nitrogen atom;

or X⁵ taken together with X^{5a} and the carbon atom to which they are attached form a partially saturated or fully saturated 3- to 7-membered ring, or a partially saturated or fully saturated 4- to 8-membered ring having 1 to 4 heteroatoms independently selected from the group consisting of oxygen, sulfur, and nitrogen;

or X⁵ taken together with X^{5a} and the carbon atom to which they are attached form a bicyclic ring system consisting of a partially saturated or fully saturated 5- or 6-membered ring, optionally having 1 or 2 heteroatoms independently selected from the group consisting of nitrogen, sulfur, and

oxygen, fused to a partially saturated, fully saturated, or fully unsaturated 5- or 6-membered ring, optionally having 1 to 4 heteroatoms independently selected from the group consisting of nitrogen, sulfur, and oxygen;

Z¹ is a bond, O, or N-X², provided that when a and b are both O then Z¹ is not N-X₂ or O;

R⁷ and R⁸ are each independently hydrogen or C₁-C₆ alkyl optionally independently substituted with A', -CO₂-(C₁-C₆ alkyl), -SO_m(C₁-C₆ alkyl); 1 to 5 halo groups, 1 to 3

hydroxy groups, 1 to 3 -O-CO(C₁- C₁₀ alkyl) groups, or 1 to 3 C₁-C₆ alkoxy groups; or R' and R⁸ can be taken together to form -(CH₂), L-(CH₂)_r, wherein L is CX²X², SO_m, or NX²; R⁹ and R¹⁰ are each independently selected from the group consisting of hydrogen, fluoro, hydroxy, and C₁-C₅ alkyl optionally independently substituted with 1-5 halo groups; R¹¹ is selected from the group consisting of C₁-C₅ alkyl and phenyl optionally substituted with 1-3 substituents each independently selected from the group consisting of C₁-C₅ alkyl, halo, and C₁-C₅ alkoxy;

R¹² is selected from the group consisting of C₁-C₅ alkylsulfonyl, C₁-C₅ alkanoyl, and C₁-C₅ alkyl wherein the alkyl portion is optionally independently substituted by 1-5 halo groups; A' for each occurrence is independently selected from the group consisting of C₅-C₇ cycloalkenyl, phenyl, a partially saturated, fully saturated, or fully unsaturated 4- to 8-membered ring optionally having 1 to 4 heteroatoms independently selected from the group consisting of oxygen, sulfur, and nitrogen, and a bicyclic ring system consisting of a partially saturated, fully unsaturated, or fully saturated 5- or 6- membered ring, optionally having 1 to 4 heteroatoms independently selected from the group consisting of nitrogen, sulfur, and oxygen, fused to a partially saturated, fully saturated, or fully unsaturated 5- or 6-membered ring, optionally having 1 to 4 heteroatoms independently selected from the group consisting of nitrogen, sulfur, and 3O oxygen;

A¹ for each occurrence is independently optionally substituted, on one or optionally both rings if A' is a bicyclic ring system, with up to three substituents, each substituent independently selected from the group consisting of F, Cl, Br, I, OCF₃, OCF₂H, CF₃, CH₃, OCH₃, -OX⁶, -CONX⁶X⁶, -CO₂X₆, oxo, C₁-C₆ alkyl, nitro, cyano, benzyl, -SO_i(C₁-C₆ alkyl), 1 H-tetrazol-5-yl, phenyl, phenoxy, phenylalkyloxy, halophenyl, methylenedioxy, -NX⁶X⁶, -NX⁶COX⁶, -SO₂NX⁶X⁶, -NX⁶SO₂-phenyl, NX⁶SOX, -CONX¹¹X¹², -SO₂NX¹¹X¹², -NX⁶SO₂X¹², -NX⁶CONX¹¹X¹², -NX⁶SO₂NX¹¹X¹², -NX⁶COX¹², imidazolyl, thiazolyl, and tetrazolyl, provided that if A' is optionally substituted with methylenedioxy then it can only be substituted with one methylenedioxy; wherein X¹¹ is hydrogen or C₁-C₆ alkyl optionally independently substituted with phenyl, phenoxy, C₁-Cs alkoxy carbonyl, -SO_m(C₁-C₆ alkyl), 1 to 5 halo groups, 1 to 3 hydroxy groups, 1 to 3 C₁- C₁₀ alkanoyloxy groups, or 1 to 3 C₁-C₆ alkoxy groups;

X¹² is hydrogen, C₁-C₆ alkyl, phenyl, thiazolyl, imidazolyl, furyl, or thieryl, provided that when X¹² is not hydrogen, the X¹² group is optionally substituted with one to three

substituents independently selected from the group consisting of Cl, F, CH₃, OCH₃, OCF₃, and CF₃;

or X¹¹ and X¹² are taken together to form -(CH₂)_rL¹-(CH₂)_r, wherein L¹ is CX²X², O, SO, or NX²;

r for each occurrence is independently 1, 2, or 3;

X² for each occurrence is independently hydrogen, optionally substituted C₁-C₆ alkyl, or optionally substituted C₃-C₇ cycloalkyl, wherein the optionally substituted C₁-C₆ alkyl and optionally substituted C₃-C₁ cycloalkyl in the definition of X² are optionally independently substituted with -SO_m(C₁-C₆ alkyl), -CO₂X₃, 1 to 5 halo groups, or 1-3 OX³ groups;

X³ for each occurrence is independently hydrogen or C₁-C₆ alkyl;

X⁶ for each occurrence is independently hydrogen, optionally substituted C₁-C₆ alkyl, halogenated C₂-C₆ alkyl, optionally substituted C₃-C₇ cycloalkyl, halogenated C₃-C₇ cycloalkyl, wherein the optionally substituted C₁-C₆ alkyl and optionally substituted C₃-C₁ cycloalkyl in the definition of X⁶ are optionally independently mono or di-substituted with C₁-C₄ alkyl, hydroxy, C₁-C₄ alkoxy, carboxyl, CONH₂, -SO_m(C₁-C₆ alkyl), carboxylate (C₁-C₄ alkyl) ester, or 1 H-tetrazol-5-yl; or

when there are two X⁶ groups on one atom and both X⁶ are independently C₁-C₆ alkyl, the two C₁-C₆ alkyl groups may be optionally joined, and together with the atom to which the two X⁶ groups are attached, form a 4- to 9- membered ring optionally having oxygen, sulfur, or NX⁷ as a ring member, wherein X⁷ is hydrogen or C₁-C₆ alkyl optionally substituted with hydroxy;

m for each occurrence is independently 0, 1, or 2; with the provisos that:

X⁶ and X¹² cannot be hydrogen when attached to CO or SO₂ in the form COX⁶, COX¹², SO₂X⁶ or SO₂X¹²; and

when R⁶ is a bond then L is NX² and each r in the definition -(CH₂)_rL-(CH₂)_r is independently 2 or 3.

14. (Previously amended) A pharmaceutical composition according to claim 13 wherein said corticotropin releasing factor antagonist is a compound selected from the group consisting of:

4-(1-ethyl-propoxy)-3,6-dimethyl-2-(2,4,6-trimethylphenoxy)-pyridine;

4-(1-ethyl propoxy)-2,5-dimethyl-6-(2,4,6-trimethyl phenoxy)-pyrimidine;

[4-(1-ethyl-propoxy)-3,6-dimethyl-pyridin-2-yl]-(2,4,6-trimethylphenyl)-amine;

[3,6-dimethyl-2-(2,4,6-trimethyl-phenoxy)-pyridin-4-yl]-1-ethyl-propyl)-amine;

15. (Cancelled)

16. (Previously amended) A pharmaceutical composition according to claim 4 wherein said growth hormone secretagogue is

2-amino-N-(2-(3a-(R)-benzyl-2-methyl-3-oxo-2,3,3a,4,6,7-hexahdropyrazolo-[4,3-c]pyridin-5-yl)-1-(R)-benzyloxymethyl-2-oxo-ethyl)isobutyramide;

2-amino-N-(1-(R)-(2,4-difluoro-benzyloxymethyl)-2-oxo-2-(3-oxo-3a(R)-pyridin-2-ylmethyl)-2-(2,2,2-trifluoro-ethyl)-2,3,3a,4,6,7-hexahydro-pyrazolo-[4,3-c]pyridin-5-yl)-ethyl)-2-methyl-propionamide;

2-amino-N-{1(R)-benzyloxymethyl-2-[1,3-dioxo-8a(S)-pyridin-2-ylmethyl-2-(2,2,2-trifluoro-ethyl)-hexahydro-imidazo[1,5-a]pyrazin-7-yl]-2-oxoethyl}-2-methyl-propionamide;

N-(1(R)-((1,2-dihydro-1-methanesulfonyl-spiro(3H-indole-3,4'-piperidin)-1'-yl)carbonyl)-2-(phenylmethoxy)ethyl)-2-amino-2-methylpropanamide; or

a prodrug of any of these compounds or a pharmaceutically acceptable salt of any of said compounds or said prodrugs.

17. (Cancelled)

18. (Previously amended) A pharmaceutical composition according to claim 13 wherein said growth hormone secretagogue is

2-amino-N-(2-(3a-(R)-benzyl-2-methyl-3-oxo-2,3,3a,4,6,7-hexahydro-pyrazolo-[4,3-c]pyridin-5-yl)-1-(R)-benzyloxymethyl-2-oxo-ethyl)-isobutyramide;

2-amino-N-(1-(R)-(2,4-difluoro-benzyloxymethyl)-2-oxo-2-(3-oxo-3a-(R)-pyridin-2-ylmethyl)-2-(2,2,2-trifluoro-ethyl)-2,3,3a,4,6,7-hexahydro-pyrazolo-[4,3-c]pyridin-5-yl)-ethyl)-2-methyl-propionamide;

2-amino-N-{1(R)-benzyloxymethyl-2-[1,3-dioxo-8a(S)-pyridin-2-ylmethyl-2-(2,2,2-trifluoro-ethyl)-hexahydro-imidazo[1,5-a]pyrazin-7-yl]-2-oxo-ethyl}-2-methyl-propionamide;

N-(1(R)-((1,2-dihydro-1-methanesulfonyl-spiro(3H-indole-3,4'-piperidin)-1'-yl)carbonyl)-2-(phenylmethyl oxy)ethyl)-2-amino-2-methyl-propanamide; or

a prodrug of any of these compounds, or a pharmaceutically acceptable salt of any of these compounds or prodrugs.

19. (Original) A pharmaceutical composition according to claim 18 wherein said corticotropin releasing factor antagonist is 4-(1-ethyl-propoxy)-3,6-dimethyl-2-(2,4,6-

trimethylphenoxy)-pyridine and said growth hormone secretagogue is 2-amino-N-[2-(3a(R)-benzyl-2-methyl-3-oxo-2,3,3a,4,6,7-hexahydro-pyrazolo-[4,3-c]pyridin-5-yl)-1(R)-benzyloxymethyl-2-oxo-ethyl]-isobutyramide.

20. (Original) A pharmaceutical composition according to claim 18 wherein said corticotropin releasing factor antagonist is 4-(1-ethyl- propoxy)-3,6-dimethyl -2-(2,4,6-trimethylphenoxy)-pyridine and said growth hormone secretagogue is 2-amino-N-(1(R)-(2,4-difluoro-benzyloxymethyl)-2-oxo-2-(3-oxo-3a(R)-(pyridin-2-ylmethyl)-2-(2,2,2-trifluoro-ethyl)-2,3,3a,4,6,7-hexahydro-pyrazolo-[4,3-c]pyridin-5-yl)-ethyl)-2-methyl-propionamide.

21. (Original) A pharmaceutical composition according to claim 18 wherein said corticotropin releasing factor antagonist is (3,6-dimethyl-2-(2,4,6-trimethyl-phenoxy)-pyridin-4-yl)-(1-ethyl- propyl)-amine and said growth hormone secretagogue is 2-amino-N-[2-(3a(R)-benzyl-2-methyl-3-oxo-2,3,3a,4,6,7-hexahydro-pyrazolo-[4,3-c]pyridin-5-yl)-1(R)-benzyloxymethyl-2-oxo-ethyl]-isobutyramide.

22. (Original) A pharmaceutical composition according to claim 18 wherein said corticotropin releasing factor antagonist is (3,6-dimethyl-2-(2,4,6-trimethyl-phenoxy)-pyridin-4-yl)-(1-ethyl-propyl)-amine and said growth hormone secretagogue is 2-15 amino-N-(1(R)-(2,4-difluoro-benzyloxymethyl)-2-oxo-2-(3-oxo-3a(R)-(pyridin-2-ylmethyl)-2-(2,2,2-trifluoro-ethyl)-2,3,3a,4,6,7-hexahydro-pyrazolo-[4,3-c]pyridin-5-yl)-ethyl)-2-methyl-propionamide.

23-29. (Withdrawn)

30. (Previously amended) A kit comprising:

- a. an amount of a corticotropin releasing factor antagonist as defined in claim 13, in a first unit dosage form;
- b. an amount of a growth hormone secretagogue or growth hormone as defined in Claim 4, in a second unit dosage form; and
- c. a container.

31. (Previously amended) A kit comprising:

- a. an amount of a corticotropin releasing factor antagonist as defined in claim 14, in a first unit dosage form;
- b. an amount of a growth hormone secretagogue or growth hormone as defined in Claim 4, in a second unit dosage form; and
- c. a container.

32. (Withdrawn)

33. (Previously amended) A kit according to claim 30 wherein said corticotropin releasing factor antagonist is 4-(1-ethyl-propoxy)-3,6-dimethyl-2-(2,4,6-trimethylphenoxy)-pyridine or [3,6-dimethyl-2-(2,4,6-dimethyl-phenoxy)-pyridin-4-yl]-(1-ethyl-propyl)-amine, and said growth hormone secretagogue is 2-amino-N-[2-(3a(R)-benzyl-2-methyl-3-oxo-2,3,3a,4,6,7-hexahydro-pyrazolo-[4,3-c]pyridin-5-yl)-1 (R)-benzyloxymethyl-2-oxo-ethyl]-isobutyramide or 2-amino-N-(1-(R)-(2,4-difluoro-benzyloxymethyl)-2-oxo-2-(3-oxo-3a-(R)-pyridin-2-ylmethyl)-2-(2,2,2-trifluoro-ethyl)-2,3,3a,4,6,7-hexahydro-pyrazolo-[4,3-c]pyridin-5-yl)-ethyl)-2-methyl-propionamide.

34-35. (Withdrawn)